

MNMM Fatal 2006-01

- Falling/Rolling Material
- January 5, 2006 (Arizona)
- Sand & Gravel Operation
- Mechanic
- 39 years old
- 12 years mining experience

Overview

The victim was fatally injured while working on a front-end loader. The front and rear sections of the loader had been separated and each section was independently supported with jack stands. He removed one of the jack stands and was positioned between the left rear tire and fender well/frame to remove a hydraulic hose when the frame of the loader tipped forward on the tires, swiveled to the left on the rear axle oscillation trunnion and crushed him.



Root Causes

- The victim failed to recognize the hazard associated with working on an improperly blocked front-end loader.
- Management failed to use oversight to ensure the job safety analysis procedure to safely block the front-end loader was followed.

Best Practices

- Stop, Look, Analyze, and Manage (SLAM) each task to identify all potential hazards before performing maintenance work. Practice safe work habits during the entire task.
- Consult and follow the manufacturer's recommended safe work procedures for the maintenance task.

Best Practices

- Train miners in safe work procedures before beginning repairs.
- Securely block equipment against all hazardous motion at all times while performing maintenance work. If the equipment being blocked has multiple degrees of movement or freedom, exercise extreme caution because some instability modes may not be obvious.